

**SOUTHAMPTON**  
**Cancer Incidence by Sex, 1993 - 1997**  
**Expected and Observed Case Counts, with Standardized Incidence Ratios**

|  | <u>Exp</u> | <u>Obs</u> | <u>SIR</u> |                                       | <u>Exp</u> | <u>Obs</u> | <u>SIR</u> |
|--|------------|------------|------------|---------------------------------------|------------|------------|------------|
| <b><u>Bladder, Urinary</u></b>                       |            |            |            | <b><u>Melanoma of Skin</u></b>        |            |            |            |
| Male   | 3.16       | 7          | 222        | Male                                  | 1.94       | 2          | NC*        |
| Female   | 1.05       | 0          | NC*        | Female                                | 1.43       | 1          | NC*        |
| Total  | 4.21       | 7          | 166        | Total                                 | 3.37       | 3          | NC*        |
| <b><u>Brain and Other Central Nervous System</u></b> |            |            |            | <b><u>Multiple Myeloma</u></b>        |            |            |            |
| Male   | 1.06       | 2          | NC*        | Male                                  | 0.60       | 0          | NC*        |
| Female   | 0.87       | 0          | NC*        | Female                                | 0.50       | 0          | NC*        |
| Total  | 1.93       | 2          | NC*        | Total                                 | 1.10       | 0          | NC*        |
| <b><u>Breast</u></b>                                 |            |            |            | <b><u>Non-Hodgkin's Lymphoma</u></b>  |            |            |            |
| Male   | 0.21       | 0          | NC*        | Male                                  | 2.53       | 2          | NC*        |
| Female   | 18.54      | 12         | 65         | Female                                | 2.01       | 2          | NC*        |
| Total  | 18.75      | 12         | 64         | Total                                 | 4.54       | 4          | NC*        |
| <b><u>Cervix Uteri</u></b>                           |            |            |            | <b><u>Oral Cavity and Pharynx</u></b> |            |            |            |
| Female   | 1.19       | 0          | NC*        | Male                                  | 2.16       | 1          | NC*        |
|  |            |            |            | Female                                | 0.94       | 2          | NC*        |
|  |            |            |            | Total                                 | 3.11       | 3          | NC*        |
| <b><u>Colon / Rectum</u></b>                         |            |            |            | <b><u>Ovary</u></b>                   |            |            |            |
| Male   | 8.00       | 9          | 113        | Female                                | 2.25       | 2          | NC*        |
| Female   | 6.71       | 6          | 89         |                                       |            |            |            |
| Total  | 14.71      | 15         | 102        |                                       |            |            |            |
| <b><u>Esophagus</u></b>                              |            |            |            | <b><u>Pancreas</u></b>                |            |            |            |
| Male   | 1.18       | 2          | NC*        | Male                                  | 1.22       | 0          | NC*        |
| Female   | 0.35       | 0          | NC*        | Female                                | 1.14       | 0          | NC*        |
| Total  | 1.53       | 2          | NC*        | Total                                 | 2.36       | 0          | NC*        |
| <b><u>Hodgkin's Disease</u></b>                      |            |            |            | <b><u>Prostate</u></b>                |            |            |            |
| Male   | 0.49       | 0          | NC*        | Male                                  | 19.53      | 11         | 56         |
| Female   | 0.37       | 0          | NC*        |                                       |            |            |            |
| Total  | 0.86       | 0          | NC*        |                                       |            |            |            |
| <b><u>Kidney and Renal Pelvis</u></b>                |            |            |            | <b><u>Stomach</u></b>                 |            |            |            |
| Male   | 1.90       | 0          | NC*        | Male                                  | 1.37       | 1          | NC*        |
| Female   | 1.05       | 4          | NC*        | Female                                | 0.71       | 1          | NC*        |
| Total  | 2.95       | 4          | NC*        | Total                                 | 2.08       | 2          | NC*        |
| <b><u>Larynx</u></b>                                 |            |            |            | <b><u>Testis</u></b>                  |            |            |            |
| Male   | 1.16       | 1          | NC*        | Male                                  | 0.68       | 2          | NC*        |

|   |       |   |       |   |        |    |       |
|---|-------|---|-------|---|--------|----|-------|
| Female  | 0.31  | 1 | NC*   |   |        |    |       |
| Total   | 1.47  | 2 | NC*   |   |        |    |       |
| <b><u>Leukemia</u></b>                          |       |   |       | <b><u>Thyroid</u></b>                       |        |    |       |
| Male  | 1.38  | 0 | NC*   | Male  | 0.39   | 0  | NC*   |
| Female  | 0.95  | 0 | NC*   | Female                                      | 0.95   | 1  | NC*   |
| Total   | 2.34  | 0 | NC*   | Total                                       | 1.34   | 1  | NC*   |
| <b><u>Liver and Intrahepatic Bile Ducts</u></b> |       |   |       | <b><u>Uteri, Corpus and Uterus, NOS</u></b> |        |    |       |
| Male  | 0.65  | 0 | NC*   |   |        |    |       |
| Female  | 0.24  | 0 | NC*   | Female                                      | 3.61   | 4  | NC*   |
| Total   | 0.89  | 0 | NC*   |   |        |    |       |
| <b><u>Lung and Bronchus</u></b>                 |       |   |       | <b><u>All Sites / Types</u></b>             |        |    |       |
| Male  | 10.36 | 5 | 48    | Male  | 64.41  | 53 | 82    |
| Female  | 7.41  | 4 | NC*   | Female                                      | 56.55  | 45 | 80    |
| Total   | 17.77 | 9 | 51 #- | Total                                       | 120.96 | 98 | 81 #- |

**Exp** = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

**Obs** = observed case count

**SIR** = standardized incidence ratio [ (**Obs** / **Exp**) X 100 ]

\* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

# indicates statistical significance at the  $p \leq 0.05$  level

~ indicates statistical significance at the  $p \leq 0.01$  level, as well as at the  $p \leq 0.05$  level

^ indicates statistical significance at the  $p \leq 0.001$  level, as well as at the  $p \leq 0.05$  and  $p \leq 0.01$  levels